

AMENDMENTS TO THE SPECIFICATION

Please amend the Title of the Invention as follows:

METHOD AND APPARATUS FOR WRITING DATA TO MEMORY BY CALCULATING
ADDRESSES, ~~AND DIGITAL CAMERA UTILIZING THE SAME~~ BASED ON SIZE

Please amend the specification beginning on page 1, line 13 as follows:

When the image data are recorded on the recording medium or transmitted via a network, the data are oftentimes compressed prior to recording and transmitting them. For example, in JPEG (Joint Photographic Expert Group) image coding system which is recently being used widely as the standard compression method, the data are divided into blocks and each of the blocks is subject to the DCT (Discrete Cosine Transform), the quantization and the Huffman coding as variable length coding, so that the images are compressed in the highly efficient manner. The JPEG and other image compression techniques are nowadays employed in the various consumer products, and are indispensable for small devices, digital cameras in particular, where the hardware resource areas are limited. However, the ~~highly-efficiency~~ high-efficiency technologies generally involve the relatively large computational load and thus need to be ~~devised~~ revised drastically to achieve the reduction in the processing time. For this reason, there are provided two coding circuits according to the patent specification of the following Related Art List (1), so that the attempt was made to reduce the processing time through the parallel processing by these two coding circuits.